

Please type a plus (+) sign inside this box ☐

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	0009-061
First Inventor or Application Identifier.	Mark S. Olsson
Title	Slip Ring Assembly with Integral Position Encoder
Express Mail Label No.	EV 238370743 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

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| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages <u>14</u>]
(preferred arrangement set forth below)</p> <ul style="list-style-type: none">- Descriptive title of the Invention- Cross References to Related Applications- Statement Regarding Fed sponsored R & D- Reference to Microfiche Appendix- Background of the Invention- Brief Summary of the Invention <p>- Brief Description of the Drawings (if filed)</p> <ul style="list-style-type: none">- Detailed Description- Claim(s)- Abstract of the Disclosure <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC) 113) [Total Sheets <u>6</u>]</p> <p>4. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages <u>1</u>] unexecuted</p> <ul style="list-style-type: none">a. <input type="checkbox"/> Newly executed (original or copy)b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]i. <input type="checkbox"/> DELETION OF INVENTOR(S)
Signed statement attached in the prior application,
see 37 CFR 1.63(d)(2) and 1.33(b). <p>5. <input type="checkbox"/> Incorporation by Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy
of the oath or declaration is supplied under Box 4b, is considered
as being part of the disclosure of the accompanying application
and is hereby incorporated by reference therein.</p> | <p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)</p> <ul style="list-style-type: none">a. <input type="checkbox"/> Computer Readable Copyb. <input type="checkbox"/> Paper Copy (identical to computer copy)c. <input type="checkbox"/> Statement Verifying identity |
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ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement
(when there is an assignee) ☐ Power of Attorney
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 ☐ Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☒ Small Entity ☐ Statement filed in prior application,
Statement(s) ☐ Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other: _____


17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____ / _____
Prior application information: Examiner _____ Group/Art Unit _____


18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label or ☒ Correspondence address below
(Insert Customer No. or Attach bar code label here)

NAME	ATTN: Michael H. Jester				
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Name (Print/Type)	Michael H. Jester	Registration No. (Attorney/Agent)	28,022
Signature		Date	3-11-04

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FEE TRANSMITTAL <i>Patent fees are subject to annual revision on October 1. These are the fees effective October 1, 1997. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12 See 37 C.F.R. §§ 1.27 and 1.28</i>		Complete If Known																																																																																																													
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SUBMITTED BY Typed or Printed Name: Michael H. Jester Signature:  Date: 3-11-04		COMPLETE (if applicable) Reg. Number: 28,022 Deposit Account User ID: 50 0626																																																																																																													

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PTO/SB/17 REV 1 (11/00)

Approved for use through 09/30/2000. omb 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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1255	1,970	2255	985	Extension for response within fifth month	_____																																																																																																																																																																												
1401	320	2401	160	Notice of Appeal	_____																																																																																																																																																																												
1402	320	2402	160	Filing a brief in support of an appeal	_____																																																																																																																																																																												
1403	280	2403	140	Request for oral hearing	_____																																																																																																																																																																												
1451	1,510	1451	1,510	Petition to institute a public use proceeding	_____																																																																																																																																																																												
1452	110	2452	55	Petition to revive unavoidably abandoned application	_____																																																																																																																																																																												
1453	1,300	2453	650	Petition to revive unintentionally abandoned application	_____																																																																																																																																																																												
1501	1,300	2501	650	Utility issue fee (or reissue)	_____																																																																																																																																																																												
1502	470	2502	235	Design issue fee	_____																																																																																																																																																																												
1503	630	2503	315	Plant issue fee	_____																																																																																																																																																																												
1460	130	1460	130	Petitions to the Commissioner	_____																																																																																																																																																																												
1807	50	1807	50	Petitions related to provisional applications	_____																																																																																																																																																																												
1806	180	1806	180	Submission of Information Disclosure Stmt	_____																																																																																																																																																																												
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	_____																																																																																																																																																																												
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	_____																																																																																																																																																																												
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	_____																																																																																																																																																																												
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<p>1. BASIC FILING FEE</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"><thead><tr><th>Large Entity Code</th><th>Large Entity (\$)</th><th>Small Entity Code</th><th>Small Entity (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1001</td><td>750</td><td>2001</td><td>375</td><td>Utility filing fee</td><td><u>\$ 385.00</u></td></tr><tr><td>1002</td><td>330</td><td>2002</td><td>165</td><td>Design filing fee</td><td>_____</td></tr><tr><td>1003</td><td>520</td><td>2003</td><td>260</td><td>Plant filing fee</td><td>_____</td></tr><tr><td>1004</td><td>750</td><td>2004</td><td>375</td><td>Reissue filing fee</td><td>_____</td></tr><tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td>_____</td></tr><tr><td colspan="5" style="text-align: right;">SUBTOTAL (1) (\$)</td><td><u>385.00</u></td></tr></tbody></table>		Large Entity Code	Large Entity (\$)	Small Entity Code	Small Entity (\$)	Fee Description	Fee Paid	1001	750	2001	375	Utility filing fee	<u>\$ 385.00</u>	1002	330	2002	165	Design filing fee	_____	1003	520	2003	260	Plant filing fee	_____	1004	750	2004	375	Reissue filing fee	_____	1005	160	2005	80	Provisional filing fee	_____	SUBTOTAL (1) (\$)					<u>385.00</u>																																																																																																																																						
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<p>2. EXTRA CLAIM FEES</p> <p>Claims below Fee Paid Total Claims - 20** = ____ x ____ = ____ Independent Claims - 3** = ____ x ____ = ____ Multiple Dependent Claims = ____ x ____ = ____ ** or number previously paid, if greater; For Reissues, see below</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"><thead><tr><th>Large Entity Code</th><th>Large Entity (\$)</th><th>Small Entity Code</th><th>Small Entity (\$)</th><th>Fee Description</th></tr></thead><tbody><tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td></tr><tr><td>1201</td><td>84</td><td>2201</td><td>42</td><td>Independent claims in excess of 3</td></tr><tr><td>1203</td><td>280</td><td>2203</td><td>140</td><td>Multiple dependent claim</td></tr><tr><td>1204</td><td>84</td><td>2204</td><td>42</td><td>** Reissue independent claims over original patent</td></tr><tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr><tr><td colspan="5" style="text-align: right;">SUBTOTAL (2) (\$)</td></tr></tbody></table>		Large Entity Code	Large Entity (\$)	Small Entity Code	Small Entity (\$)	Fee Description	1202	18	2202	9	Claims in excess of 20	1201	84	2201	42	Independent claims in excess of 3	1203	280	2203	140	Multiple dependent claim	1204	84	2204	42	** Reissue independent claims over original patent	1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	SUBTOTAL (2) (\$)																																																																																																																																																	
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Typed or Printed Name	Michael H. Jester	Reg. Number	28,022																																																																																																																																																																														
Signature		Date	3-11-04																																																																																																																																																																														
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)
)
Mark S. Olsson et al.) Examiner: (To be Assigned)
)
Serial No.: To be Assigned) Group Art Unit: (To be Assigned)
)
Filed: March 11, 2004)
)
For: *Slip Ring Assembly with*)
Integral Position Encoder)

CERTIFICATE OF MAILING UNDER 37 CFR §1.10


BOX PATENT APPL - FEE
Honorable Commissioner for Patents
Washington, D.C. 20231

EXPRESS MAIL RECEIPT NO. EV 238370743 US

I hereby certify that the enclosed documents, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below, and are addressed to MS - NEW APPLICATION - FEE, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

March 11, 2004
(Date of Deposit)

By:


Michael H. Jester
Reg. No. 28,022